BOSS SP-303
DR. SAMPLE

TurboStart

It's a Fact...

The New Roland SP-303 DR. Sample offers DJs and musicians a compact, portable phrase sampler with CD quality sound. The SP-303 features:

- 8 voice polyphony
- 32 samples (16 Internal, 16 w/ optional card)
- Built in pattern sequencer:
- Great effects including Filter, Pitch, Delay, Vinyl Simulator, Isolator plus 21 MFX, including a voice transformer for vocal effects.
- Memory card slot (SmartMedia 8Mb to 64Mb)
- Imports WAV or AIFF files via Smart Media

Playing a Sample

The SP-303 comes with samples pre-installed in Bank A, Pads 1-8. Use the following procedure to listen to these samples:

1. Connect the SP-303 to an amp, audio system or headphones.
2. Press Pad 1 so it's lit—the sample plays.
3. Press other pads to listen to their sounds.

Playback Settings

Samples can play back in three different ways. Use the following procedure to set the playback mode:

1. Press the desired pad to play the sample.
2. Press GATE, LOOP or REVERSE so it's lit to select the desired triggering mode.

GATE	Press and hold pad—sample plays Release pad—sample stops
LOOP	Press the pad—sample starts Release pad—keeps playing Press pad again—sample stops
REVERSE	Sample is played backwards

Applying Effects to a Sample

The SP-303 has 26 killer effects. These effects can be applied to multiple samples simultaneously, or they can be applied to live input signals.

1. Press a pad to select and play a sample.
2. Press an effect button under DSP EFFECTS

Note*: Filter/+Drive, Pitch, Delay, Vinyl Sim and Isolator can be directly accessed by pressing the corresponding button. The MFX button controls 21 additional effects that can be selected one at a time.*

Use the following procedure to select an MFX effect:

1. Press a pad to select and play a sample.
2. While holding MFX, turn the CTRL 3/MFX knob to select one of the 21 MFX effects.

Sampling from CD or MD

Sounds from a CD or MD can be sampled in mono or stereo. Use the following procedure to sample in stereo to Pad 3, Bank B.

1. Connect the output of your CD or MD player to the LINE IN jack of the SP-303.
2. Turn on the CD/MD player and put it in play-standby mode.
3. Make sure PATTERN SELECT isn't lit. If it is lit, press it so that the button's light goes out.
4. Press REC so it's lit—the pads to which you can sample blink and the SP-303 goes into sample standby.
5. Press BANK B so it's lit.
6. Press Pad 3—it lights solidly, and REC blinks.
7. Press STEREO so it's lit.
8. Press LONG/LO-FI to select the sampling grade.

LONG *LO-FI not lit*	STANDARD—High-quality sampling
LONG *LO-FI lit*	LONG—Twice the sampling time of STANDARD
LONG *LO-FI blinking*	LO-FI—Extended sampling time

The available sampling time for each grade is:

STANDARD	31 seconds
LONG	63 seconds
LO-FI	3 minutes, 10 seconds

Note*: More time is available using a memory card.*

9. Start playback of the CD or MD and turn the CTRL 3/MFX LEVEL knob to adjust the sampling level so that the PEAK indicator lights only from time to time. When you're done, stop the CD/MD player and return it to play-standby mode.
10. Start playback of the CD/MD, and when you want sampling to begin, press REC on the SP-303. REC lights up and sampling begins.
11. When you want sampling to stop, press REC again. The REC and Pad 3 lights go out and sampling ends.
12. Press Pad 3 to hear your new sample.

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Adjusting the Start and End Point

After creating a sample, you may decide to change its start and end point—the SP-303 can easily set new start and end points. Use the following procedure:

1. Press PATTERN SELECT so it's not lit.
2. Press the pad you want to edit. The pad lights, and the sample sounds.
3. Press START/END/LEVEL so it's lit.
4. At the location where you wish to set the start point, press MARK. MARK blinks and "---" appears in the display.
5. At the location where you wish to set the end point, press MARK again. MARK lights, indicating that the process is finished.

Note: If the setting was not made as desired, press the lit MARK button while the sound is still playing to make it go dark, and re-do the procedure.

Deleting Unwanted Portions (Truncate)

When you specify Start/End Points, unused waveform data may remain, taking up valuable memory space. By deleting this unwanted data, you can make more efficient use of memory.

1. Press PATTERN SELECT so it's not lit.
2. Press the pad you wish to truncate—the pad lights and the sample sounds. If Start and End Points have been set, MARK should be lit.
3. Press DEL so it's lit. Although the pads also blink at this time, don't press the pads.
4. Press MARK. "trC" should appear in the display.
5. Press DEL and it lights. The dots in the display blink. During the truncate process, all pads from 1 -8 light up, and then turn off, starting with Pad 1, indicating the progress of the truncation procedure. When the dots stop blinking and remain off, truncation is complete.

Note: Please note that truncation takes some time. Never turn off the power while the dots are blinking. This may result in corruption not only of the sample currently being truncated, but may also damage other samples as well as the memory card.